

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14242

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06M23/14 D06Q1/00 B05D5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06M D06Q B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 12, 12 December 2002 (2002-12-12) & JP 2002 227073 A (SEIREN CO LTD), 14 August 2002 (2002-08-14) abstract	1-3, 11, 18-25, 33
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01, 30 January 1998 (1998-01-30) & JP 09 256281 A (TORAY IND INC), 30 September 1997 (1997-09-30) abstract	1-3, 11, 18-21

-/--

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 April 2004

Date of mailing of the international search report

27/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Koegler-Hoffmann, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14242

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 296925 A (KOEI KOGEI KK), 25 October 1994 (1994-10-25) abstract -----	1, 22, 26
X	US 3 372 978 A (PITTMAN ALIEN G ET AL) 12 March 1968 (1968-03-12) column 1, line 1 - line 16 column 1, line 55 - column 2, line 42; example 1 -----	1, 22

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/EP 03/14242

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2002227073 A	14-08-2002	NONE	
JP 09256281 3 A		NONE	
JP 06296925 3 A		NONE	
US 3372978 A	12-03-1968	BE 664664 A FR 1455905 A GB 1113604 A NL 6506829 A US 3433575 A US 3440002 A US 3632391 A US 3385653 A US 3383162 A US 3406005 A	16-09-1965 05-01-1967 15-05-1968 29-11-1965 18-03-1969 22-04-1969 04-01-1972 28-05-1968 14-05-1968 15-10-1968